

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 15:58:56 / Search time 32 Seconds
(without alignments)
3.507 Million cell updates/sec

Title: US-09-923-515-3
Perfect score: 7200

Sequence: 1 ctgggagattgggacacattt.....acctgaacctgacgcaatgc 7200

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 493 segs, 7793 residues

Total number of hits satisfying chosen parameters: 986

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 505 summaries

Database: rge3.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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7	24	0.3	24	1	BD272249
8	23	0.3	23	1	BD081422
9	23	0.3	23	1	AR3504
10	23	0.3	23	1	AR3504
11	20	0.3	20	1	AR613070
12	20	0.3	20	1	AR278868
13	20	0.3	20	1	AR278868
14	19	0.3	19	1	AR3505
15	19	0.3	19	1	AR3505
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17	19	0.3	19	1	AR278867
18	18	0.3	18	1	BD130528
19	17	0.2	17	1	AR613071
20	16	0.2	16	1	AR481848
21	16	0.2	16	1	BD105834
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28	15	0.2	15	1	AR063730
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30	15	0.2	15	1	AR298638
31	15	0.2	15	1	AR353508
32	15	0.2	15	1	AR328939
33	15	0.2	15	1	AR254709

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ALIGNMENTS

RESULT 1
US-09-047-966-17
; Sequence 17, Application US/09047966
; Publication No. US20030138773A1
; GENERAL INFORMATION:
; APPLICANT: J. Gordon Foulkes, et al.
; TITLE OF INVENTION: Methods of transcriptionally
; TITLE OF INVENTION: Modulating Gene Expression.
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White, Esq.
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 100036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/047,966
; FILING DATE: 03-MAR-1998
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 26134-12ZA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; TELEX:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-047-966-17

Query Match 0.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 80 TATTCTGAAATCAGCAGCACTGAGCAAA 109
Db 1 TATTCTGAAATCAGCAGCACTGAGCAAA 30

RESULT 2
US-09-047-966-18
; Sequence 18, Application US/09047966
; Publication No. US20030138773A1
; GENERAL INFORMATION:
; APPLICANT: J. Gordon Foulkes, et al.
; TITLE OF INVENTION: Methods of transcriptionally
; TITLE OF INVENTION: Modulating Gene Expression.
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White, Esq.
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 100036
; COMPUTER READABLE FORM:

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GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model

Run on: October 26, 2004, 16:30:34 ; Search time 23 Seconds
(without alignments)
3.313 Million cell updates/sec

Title: US-09-923-515-3
Perfect score: 7200
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Scoring table: IDENTITY_NTC
Gapop 10.0 , Gapext 0.5

Searched: 309 segs, 5291 residues

Total number of hits satisfying chosen parameters: 618

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 325 summaries

Database: rmpb3.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 403	11.4	0.2	15	US-09-475-947A-311	Sequence 311, App
C 404	11.4	0.2	15	US-09-475-947A-312	Sequence 312, App
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C 438	10.4	0.1	30	US-09-772-315-7	Sequence 7, Appl
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C 452	10	0.1	12	US-09-751-561-6	Sequence 6, Appl
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C 454	10	0.1	12	US-09-757-528-6	Sequence 6, Appl
C 455	10	0.1	12	US-09-874-601-172	Sequence 172, App
C 456	10	0.1	12	US-09-194-949A-20	Sequence 20, Appl
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C 480	9.8	0.1	13	US-08-484-304-35	Sequence 35, Appl
C 481	9.8	0.1	13	US-08-709-209-122	Sequence 122, App
C 482	9.8	0.1	13	US-08-458-101-122	Sequence 122, App
C 483	9.8	0.1	13	US-08-705-937-12	Sequence 12, App
C 484	9.8	0.1	13	US-08-767-942A-42	Sequence 42, App
C 485	9.8	0.1	13	US-08-983-041-22	Sequence 22, Appl
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RESULT 1					
US-07-832-905B-17					
Sequence 17, Application US/07832905B					
Patent No. 558722					
GENERAL INFORMATION:					
APPLICANT: J. Gordon Foulkes, et al.					
TITLE OF INVENTION: Methods of Transcriptionally					
TITLE OF INVENTION: Modulating Expression of Genes Associated with Cardiovascular					
NUMBER OF SEQUENCES: 93					
CORRESPONDENCE ADDRESSES:					
ADDRESSEE: John P. White, Esq.					
STREET: 30 Rockefeller Plaza					
CITY: New York					
STATE: New York					
COUNTRY: USA					
ZIP: 10112					
COMPUTER READABLE FORM:					
MEDIUM TYPE: Floppy disk					
COMPUTER: IBM PC compatible					
OPERATING SYSTEM: PC-DOS/MS-DOS					
SOFTWARE: Patentin Release #1.0, Version #1.25					
CURRENT APPLICATION DATA:					
APPLICATION NUMBER: US/07/832,905B					
FILING DATE: 19920207					
CLASSIFICATION: 435					
ATTORNEY/AGENT INFORMATION:					
NAME: White, John P.					
REGISTRATION NUMBER: 28,678					
REFERENCE/DOCKET NUMBER: 26134-H					
TELECOMMUNICATION INFORMATION:					
TELEPHONE: 212-977-9550					
TELEFAX: 212-664-0525					
INFORMATION FOR SEQ ID NO: 17:					
SEQUENCE CHARACTERISTICS:					
LENGTH: 30 base pairs					
TYPE: NUCLEIC ACID					
STRANDEDNESS: single					
TOPOLOGY: linear					
MOLECULE TYPE: DNA (genomic)					
US-07-832-905B-17					
Query Match 0.4% Score 30: DB 1: Length 30:					

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C 306	12.4	0.2	16	1	US-09-593-312-40	Sequence 37, Appl	C 379	11.4	0.2	15	1	US-09-064-156A-246	Sequence 246, App
C 307	12.4	0.2	16	1	US-09-593-312-40	Sequence 37, Appl	C 380	11.4	0.2	15	1	US-09-071-845-708	Sequence 708, App
C 308	11.8	0.2	15	1	US-08-311-760A-29	Sequence 29, Appl	C 381	11.4	0.2	15	1	US-09-071-845-740	Sequence 740, App
C 309	11.8	0.2	15	1	US-08-311-760A-54	Sequence 54, Appl	C 382	11.4	0.2	15	1	US-09-377-310-30	Sequence 30, App
C 310	11.8	0.2	15	1	US-08-311-760A-55	Sequence 55, Appl	C 383	11.4	0.2	15	1	US-09-377-310-30	Sequence 30, App
C 311	11.8	0.2	15	1	US-08-311-760A-76	Sequence 76, Appl	C 384	11.4	0.2	15	1	US-09-038-073-1645	Sequence 1645, App
C 312	11.8	0.2	15	1	US-08-311-760A-209	Sequence 209, App	C 385	11.4	0.2	15	1	US-09-038-073-1646	Sequence 1646, App
C 313	11.8	0.2	15	1	US-08-311-760A-156	Sequence 156, App	C 386	11.4	0.2	15	1	US-09-038-073-1647	Sequence 1647, App
C 314	11.8	0.2	15	1	US-08-774-310-29	Sequence 29, App	C 387	11.4	0.2	15	1	US-09-038-073-1648	Sequence 1648, App
C 315	11.8	0.2	15	1	US-08-774-310-54	Sequence 54, App	C 388	11.4	0.2	15	1	US-09-038-073-1675	Sequence 1675, App
C 316	11.8	0.2	15	1	US-08-774-310-55	Sequence 55, App	C 389	11.4	0.2	15	1	US-09-038-073-1676	Sequence 1676, App
C 317	11.8	0.2	15	1	US-08-774-310-76	Sequence 76, App	C 390	11.4	0.2	15	1	US-09-038-073-2111	Sequence 2111, App
C 318	11.8	0.2	15	1	US-08-774-310-109	Sequence 109, App	C 391	11.4	0.2	15	1	US-08-894-899-12	Sequence 12, Appl
C 319	11.8	0.2	15	1	US-08-774-310-209	Sequence 209, App	C 392	11.4	0.2	15	1	US-08-894-899-13	Sequence 13, Appl
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C 321	11.4	0.2	14	1	US-09-717-847E-2	Sequence 2, Appl	C 394	11.4	0.2	15	1	US-08-894-899-15	Sequence 15, Appl
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C 323	11.4	0.2	14	1	US-09-580-923-29	Sequence 29, Appl	C 396	11.4	0.2	15	1	US-09-263-352-9	Sequence 9, Appl
C 324	11.4	0.2	14	1	US-09-580-923-30	Sequence 30, Appl	C 397	11.4	0.2	15	1	US-08-933-666A-3	Sequence 3, Appl
C 325	11.4	0.2	14	1	US-08-535-249-65	Sequence 65, Appl	C 398	11.4	0.2	15	1	US-08-933-666A-1	Sequence 1, Appl
			14	1	US-09-230-652-63	Sequence 63, Appl	C 399	11.4	0.2	15	1	US-08-936-166-4	Sequence 4, Appl

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108	14.8	0.2	19	1	US-09-217-847-3	Sequence 3, Appli	181	13.4	0.2	15	1	US-08-774-310-24	Sequence 24, Appli
109	14.4	0.2	16	1	US-08-311-760A-340	Sequence 340, App	182	13.4	0.2	15	1	US-08-774-310-35	Sequence 35, Appli
110	14.4	0.2	16	1	US-08-311-760A-341	Sequence 341, App	183	13.4	0.2	15	1	US-08-774-310-45	Sequence 45, Appli
111	14.4	0.2	16	1	US-08-311-760A-374	Sequence 374, App	184	13.4	0.2	15	1	US-08-774-310-57	Sequence 57, Appli
112	14.4	0.2	16	1	US-08-311-760A-375	Sequence 375, App	185	13.4	0.2	15	1	US-08-774-310-60	Sequence 60, Appli
113	14.4	0.2	16	1	US-08-311-760A-377	Sequence 377, App	186	13.4	0.2	15	1	US-08-774-310-65	Sequence 65, Appli
114	14.4	0.2	16	1	US-08-311-760A-378	Sequence 378, App	187	13.4	0.2	15	1	US-08-774-310-73	Sequence 73, Appli
115	14.4	0.2	16	1	US-08-311-760A-381	Sequence 381, App	188	13.4	0.2	15	1	US-08-774-310-165	Sequence 165, App
116	14.4	0.2	16	1	US-08-311-760A-382	Sequence 382, App	189	13.4	0.2	15	1	US-08-774-310-166	Sequence 166, App
117	14.4	0.2	16	1	US-08-311-760A-383	Sequence 383, App	190	13.4	0.2	15	1	US-08-774-310-167	Sequence 167, App
118	14.4	0.2	16	1	US-08-774-310-340	Sequence 340, App	191	13.4	0.2	15	1	US-08-774-310-177	Sequence 177, App
119	14.4	0.2	16	1	US-08-774-310-341	Sequence 341, App	192	13.4	0.2	15	1	US-08-774-310-178	Sequence 178, App
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122	14.4	0.2	16	1	US-08-774-310-377	Sequence 377, App	195	13.4	0.2	15	1	US-08-774-310-189	Sequence 189, App
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124	14.4	0.2	16	1	US-08-774-310-381	Sequence 381, App	197	13.4	0.2	15	1	US-08-774-310-191	Sequence 191, App
125	14.4	0.2	16	1	US-08-774-310-382	Sequence 382, App	198	13.4	0.2	15	1	US-08-774-310-192	Sequence 192, App
126	14.4	0.2	16	1	US-08-774-310-383	Sequence 383, App	199	13.4	0.2	15	1	US-08-774-310-193	Sequence 193, App
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128	14.4	0.2	17	1	US-09-371-772B-6342	Sequence 6342, Ap	201	13.4	0.2	15	1	US-08-774-310-208	Sequence 208, App
129	14.4	0.2	17	1	US-09-476-387-492	Sequence 492, App	202	13.4	0.2	15	1	US-08-774-310-213	Sequence 213, App
130	14.4	0.2	18	1	US-09-166-186-43	Sequence 43, Appli	203	13.4	0.2	15	1	US-08-774-310-214	Sequence 214, App
131	14.4	0.2	18	1	US-09-313-932-43	Sequence 43, Appli	204	13.4	0.2	15	1	US-08-774-310-215	Sequence 215, App
132	14	0.2	15	1	US-08-311-760A-30	Sequence 30, Appli	205	13.4	0.2	15	1	US-08-774-310-223	Sequence 223, App
133	14	0.2	15	1	US-08-311-760A-22	Sequence 22, Appli	206	13.4	0.2	15	1	US-08-774-310-228	Sequence 228, App
134	14	0.2	15	1	US-08-311-760A-227	Sequence 227, App	207	13.4	0.2	15	1	US-08-774-310-229	Sequence 229, App
135	14	0.2	15	1	US-08-774-310-22	Sequence 22, Appli	208	13.4	0.2	15	1	US-09-486-453-1	Sequence 453, App
136	14	0.2	15	1	US-08-774-310-227	Sequence 227, App	209	13.4	0.2	16	1	US-09-446-302B-34	Sequence 34, Appli
137	14	0.2	15	1	US-08-774-310-227	Sequence 227, App	210	13.4	0.2	16	1	US-09-099-932-55	Sequence 39, Appli
138	13.8	0.2	17	1	US-09-885-162-156	Sequence 156, App	211	13.4	0.2	17	1	US-09-564-805-55	Sequence 55, Appli
139	13.8	0.2	17	1	US-09-401-063-156	Sequence 156, App	212	13.4	0.2	17	1	US-09-627-931A-4	Sequence 6, Appli
140	13.8	0.2	17	1	US-09-866-108A-2453	Sequence 2453, Ap	213	13.2	0.2	20	1	US-09-627-701-6	Sequence 6, Appli
141	13.8	0.2	17	1	US-09-866-108A-2454	Sequence 2454, Ap	214	13	0.2	15	1	US-08-311-760A-64	Sequence 64, Appli
142	13.8	0.2	17	1	US-09-866-108A-7773	Sequence 7773, Ap	215	13	0.2	15	1	US-08-311-760A-216	Sequence 216, App
143	13.8	0.2	18	1	US-09-255-893-43	Sequence 43, Appli	216	13	0.2	15	1	US-08-311-760A-217	Sequence 217, App
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145	13.4	0.2	15	1	US-08-311-760A-19	Sequence 19, Appli	218	13	0.2	15	1	US-08-738-944-17	Sequence 17, Appli
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147	13.4	0.2	15	1	US-08-311-760A-21	Sequence 21, Appli	220	13	0.2	15	1	US-08-774-310-217	Sequence 217, App
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149	13.4	0.2	15	1	US-08-311-760A-24	Sequence 24, Appli	222	12.8	0.2	16	1	US-08-311-760A-342	Sequence 342, App
150	13.4	0.2	15	1	US-08-311-760A-35	Sequence 35, Appli	223	12.8	0.2	16	1	US-08-311-760A-345	Sequence 345, App
151	13.4	0.2	15	1	US-08-311-760A-45	Sequence 45, Appli	224	12.8	0.2	16	1	US-08-311-760A-379	Sequence 379, App
152	13.4	0.2	15	1	US-08-311-760A-57	Sequence 57, Appli	225	12.8	0.2	16	1	US-08-311-760A-384	Sequence 384, App
153	13.4	0.2	15	1	US-08-311-760A-65	Sequence 65, Appli	226	12.8	0.2	16	1	US-08-774-310-345	Sequence 345, App
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155	13.4	0.2	15	1	US-08-311-760A-73	Sequence 73, Appli	228	12.8	0.2	16	1	US-08-774-310-345	Sequence 345, App
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158	13.4	0.2	15	1	US-08-311-760A-167	Sequence 167, App	231	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
159	13.4	0.2	15	1	US-08-311-760A-177	Sequence 177, App	232	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
160	13.4	0.2	15	1	US-08-311-760A-177	Sequence 177, App	233	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
161	13.4	0.2	15	1	US-08-311-760A-179	Sequence 179, App	234	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
162	13.4	0.2	15	1	US-08-311-760A-180	Sequence 180, App	235	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
163	13.4	0.2	15	1	US-08-311-760A-189	Sequence 189, App	236	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
164	13.4	0.2	15	1	US-08-311-760A-190	Sequence 190, App	237	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
165	13.4	0.2	15	1	US-08-311-760A-192	Sequence 192, App	238	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
166	13.4	0.2	15	1	US-08-311-760A-193	Sequence 193, App	239	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
167	13.4	0.2	15	1	US-08-311-760A-193	Sequence 193, App	240	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
168	13.4	0.2	15	1	US-08-311-760A-193	Sequence 193, App	241	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
169	13.4	0.2	15	1	US-08-311-760A-208	Sequence 208, App	242	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
170	13.4	0.2	15	1	US-08-311-760A-213	Sequence 213, App	243	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
171	13.4	0.2	15	1	US-08-311-760A-214	Sequence 214, App	244	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
172	13.4	0.2	15	1	US-08-311-760A-215	Sequence 215, App	245	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
173	13.4	0.2	15	1	US-08-311-760A-223	Sequence 223, App	246	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
174	13.4	0.2	15	1	US-08-311-760A-228	Sequence 228, App	247	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
175	13.4	0.2	15	1	US-08-311-760A-229	Sequence 229, App	248	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
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177	13.4	0.2	15	1	US-08-774-310-19	Sequence 19, Appli	250	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
178	13.4	0.2	15	1	US-08-774-310-20	Sequence 20, Appli	251	12.8	0.2	17	1	US-08-311-760A-384	Sequence 384, App
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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 16:20:46 ; Search time 30 Seconds

(without alignments)
3.582 Million cell updates/sec

Title: US-09-923-515-3

Perfect score: 7200

Sequence: 1 ctggagattggagacacttt.....actgacacccgacgcaatgc 7200

Scoring table: IDENTITY_NUC

Gapop 10.0 ; Gapext 0.5

Searched: 487 seqs, 7463 residues

Total number of hits satisfying chosen parameters: 974

Minimum DB seq length: 12
Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 495 summaries

Database : rnt3.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	30	0.4	30	1	US-07-832-905B-18
3	30	0.4	30	1	US-08-700-757-17
4	30	0.4	30	1	US-08-700-757-18
5	26	0.4	26	1	US-09-227-701-3
6	23	0.3	23	1	US-08-185-301-5
7	20	0.3	20	1	US-09-227-701-6
8	19	0.3	19	1	US-08-185-301-6
9	19	0.3	19	1	US-09-227-701-5
10	17	0.2	17	1	US-08-441-370-3
11	16.4	0.2	18	1	US-08-851-350-10
12	16.4	0.2	18	1	US-08-924-287A-10
13	16.4	0.2	19	1	US-07-720-585A-2
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22	16	0.2	16	1	US-08-311-760A-380
23	16	0.2	16	1	US-08-774-310-337
24	16	0.2	16	1	US-08-774-310-338
25	16	0.2	16	1	US-08-774-310-339
26	16	0.2	16	1	US-08-774-310-376
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33	15.2	0.2	20	1	US-09-120-025-35

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36	15.2	0.2	20	1	US-09-710-481-35	Sequence 35, App1
37	15.2	0.2	20	1	US-09-553-875-35	Sequence 35, App1
38	15.2	0.2	20	1	US-09-768-670-35	Sequence 35, App1
39	15.2	0.2	20	1	US-09-544-998B-264	Sequence 264, App
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80	15	0.2	15	1	US-08-774-310-15	Sequence 15, App1
81	15	0.2	15	1	US-08-774-310-16	Sequence 16, App1
82	15	0.2	15	1	US-08-774-310-17	Sequence 17, App1
83	15	0.2	15	1	US-08-774-310-168	Sequence 168, App
84	15	0.2	15	1	US-08-774-310-169	Sequence 169, App
85	15	0.2	15	1	US-08-774-310-170	Sequence 170, App
86	15	0.2	15	1	US-08-774-310-171	Sequence 171, App
87	15	0.2	15	1	US-08-774-310-172	Sequence 172, App
88	15	0.2	15	1	US-08-774-310-173	Sequence 173, App
89	15	0.2	15	1	US-08-774-310-174	Sequence 174, App
90	15	0.2	15	1	US-08-774-310-175	Sequence 175, App
91	15	0.2	15	1	US-08-774-310-176	Sequence 176, App
92	15	0.2	15	1	US-08-774-310-188	Sequence 188, App
93	15	0.2	15	1	US-08-774-310-194	Sequence 194, App
94	15	0.2	15	1	US-08-774-310-195	Sequence 195, App
95	15	0.2	15	1	US-08-774-310-196	Sequence 196, App
96	15	0.2	15	1	US-08-774-310-198	Sequence 198, App
97	15	0.2	15	1	US-08-774-310-199	Sequence 199, App
98	15	0.2	15	1	US-08-774-310-200	Sequence 200, App
99	15	0.2	15	1	US-08-774-310-201	Sequence 201, App
100	15	0.2	15	1	US-08-774-310-202	Sequence 202, App
101	15	0.2	15	1	US-08-774-310-224	Sequence 224, App
102	15	0.2	15	1	US-08-774-310-225	Sequence 225, App
103	14.8	0.2	19	1	US-07-720-585A-1	Sequence 1, App1
104	14.8	0.2	19	1	US-07-720-585A-4	Sequence 4, App1
105	14.8	0.2	19	1	US-07-720-585A-5	Sequence 5, App1
106	14.8	0.2	19	1	US-07-720-585A-6	Sequence 6, App1

C 691	11	0.2	12	1	AB102148	Oligonucleotide pr
692	11	0.2	12	1	AB105650	Oligonucleotide pr
693	11	0.2	12	1	AB180923	Oligonucleotide pr
694	11	0.2	13	1	AB189579	Mycobacterium aviu
695	11	0.2	13	1	AAT91810	Mycobacterium capt
C 696	11	0.2	13	1	AAV11104	Human ribozyme tar
C 697	11	0.2	13	1	ABC65114	Oligonucleotide SE
C 698	11	0.2	13	1	ABF19256	Oligonucleotide SE
C 699	11	0.2	13	1	ABH24391	Oligonucleotide SE
C 700	11	0.2	13	1	ABH35536	Oligonucleotide SE
701	11	0.2	13	1	ABH35537	Oligonucleotide SE
702	11	0.2	13	1	ABF61273	Oligonucleotide SE
703	11	0.2	13	1	ABH15668	Oligonucleotide SE
704	11	0.2	13	1	ABF95916	Oligonucleotide SE
C 705	11	0.2	13	1	ABH03130	Oligonucleotide SE
706	11	0.2	13	1	ABF53491	Oligonucleotide SE
C 707	11	0.2	13	1	ABC92784	Oligonucleotide SE
708	11	0.2	13	1	ABF03593	Oligonucleotide SE
709	11	0.2	13	1	ABC58619	Oligonucleotide SE
710	11	0.2	13	1	ABH21953	Oligonucleotide SE
711	11	0.2	13	1	ABH24189	Oligonucleotide SE
712	11	0.2	13	1	ABF64426	Oligonucleotide SE
713	11	0.2	13	1	ABF00155	Oligonucleotide SE
714	11	0.2	13	1	ABF00301	Oligonucleotide SE
715	11	0.2	13	1	ABF34783	Oligonucleotide SE
716	11	0.2	13	1	ABF45850	Oligonucleotide SE
C 717	11	0.2	13	1	ABF59517	Oligonucleotide SE
C 718	11	0.2	13	1	ABH22816	Oligonucleotide SE
C 719	11	0.2	13	1	ABF81198	Oligonucleotide SE
C 720	11	0.2	13	1	ABC67328	Oligonucleotide SE
C 721	11	0.2	13	1	ABC23767	Oligonucleotide SE
C 722	11	0.2	13	1	ABF00154	Oligonucleotide SE
C 723	11	0.2	13	1	ABC04986	Oligonucleotide SE
C 724	11	0.2	13	1	ABC06058	Oligonucleotide SE
C 725	11	0.2	13	1	ABC39811	Oligonucleotide SE
726	11	0.2	13	1	ABF33617	Oligonucleotide SE
727	11	0.2	13	1	ABF94893	Oligonucleotide SE
C 728	11	0.2	13	1	ABH21823	Oligonucleotide SE
C 729	11	0.2	13	1	ABF77847	Oligonucleotide SE
C 730	11	0.2	13	1	ABF78839	Oligonucleotide SE
C 731	11	0.2	13	1	ABF81139	Oligonucleotide SE
C 732	11	0.2	13	1	ABC48974	Oligonucleotide SE
733	11	0.2	13	1	ABF07269	Oligonucleotide SE
C 734	11	0.2	13	1	ABC58618	Oligonucleotide SE
C 735	11	0.2	13	1	ABC90248	Oligonucleotide SE
C 736	11	0.2	13	1	ABF16919	Oligonucleotide SE
C 737	11	0.2	13	1	ABF20913	Oligonucleotide SE
738	11	0.2	13	1	ABF78838	Oligonucleotide SE
739	11	0.2	13	1	ABF61271	Oligonucleotide SE
C 740	11	0.2	13	1	ABF87218	Oligonucleotide SE
C 741	11	0.2	13	1	ABH15669	Oligonucleotide SE
C 742	11	0.2	13	1	ABH47434	Oligonucleotide SE
743	11	0.2	13	1	ABH54670	Oligonucleotide SE
C 744	11	0.2	13	1	ABF07268	Oligonucleotide SE
745	11	0.2	13	1	ABC39810	Oligonucleotide SE
746	11	0.2	13	1	ABF19257	Oligonucleotide SE
C 747	11	0.2	13	1	ABF77940	Oligonucleotide SE
C 748	11	0.2	13	1	ABF73616	Oligonucleotide SE
C 749	11	0.2	13	1	ABH22917	Oligonucleotide SE
750	11	0.2	13	1	ABF98627	Oligonucleotide SE
751	11	0.2	13	1	ABF87221	Oligonucleotide SE
752	11	0.2	13	1	ABH39496	Oligonucleotide SE
C 753	11	0.2	13	1	ABH54671	Oligonucleotide SE
754	11	0.2	13	1	ABC23766	Oligonucleotide SE
C 755	11	0.2	13	1	ABC53350	Oligonucleotide SE
C 756	11	0.2	13	1	ABC04987	Oligonucleotide SE
C 757	11	0.2	13	1	ABC15694	Oligonucleotide SE
C 758	11	0.2	13	1	ABF45851	Oligonucleotide SE
C 759	11	0.2	13	1	ABF53490	Oligonucleotide SE
760	11	0.2	13	1	ABF38289	Oligonucleotide SE
761	11	0.2	13	1	ABH21822	Oligonucleotide SE
C 762	11	0.2	13	1	ABF98626	Oligonucleotide SE
763	11	0.2	13	1	ABF75923	Oligonucleotide SE

764	11	0.2	13	1	ABH03131	Oligonucleotide SE
C 765	11	0.2	13	1	ABF87220	Oligonucleotide SE
766	11	0.2	13	1	ABF66755	Oligonucleotide SE
C 767	11	0.2	13	1	ABC80114	Oligonucleotide SE
C 768	11	0.2	13	1	ABF28018	Oligonucleotide SE
769	11	0.2	13	1	ABF89098	Oligonucleotide SE
C 770	11	0.2	13	1	ABF66754	Oligonucleotide SE
771	11	0.2	13	1	ABC42847	Oligonucleotide SE
772	11	0.2	13	1	ABC48975	Oligonucleotide SE
C 773	11	0.2	13	1	ABC11055	Oligonucleotide SE
774	11	0.2	13	1	ABC15695	Oligonucleotide SE
C 775	11	0.2	13	1	ABF77846	Oligonucleotide SE
C 776	11	0.2	13	1	ABF89099	Oligonucleotide SE
777	11	0.2	13	1	ABC67333	Oligonucleotide SE
778	11	0.2	13	1	ABF27941	Oligonucleotide SE
779	11	0.2	13	1	ABF28019	Oligonucleotide SE
C 780	11	0.2	13	1	ABC51351	Oligonucleotide SE
781	11	0.2	13	1	ABF10742	Oligonucleotide SE
782	11	0.2	13	1	ABF30954	Oligonucleotide SE
C 783	11	0.2	13	1	ABF30955	Oligonucleotide SE
C 784	11	0.2	13	1	ABF34782	Oligonucleotide SE
C 785	11	0.2	13	1	ABF94892	Oligonucleotide SE
C 786	11	0.2	13	1	ABH24390	Oligonucleotide SE
C 787	11	0.2	13	1	ABF00300	Oligonucleotide SE
C 788	11	0.2	13	1	ABF38288	Oligonucleotide SE
C 789	11	0.2	13	1	ABF75922	Oligonucleotide SE
C 790	11	0.2	13	1	ABF61270	Oligonucleotide SE
791	11	0.2	13	1	ABF87219	Oligonucleotide SE
C 792	11	0.2	13	1	ABH39497	Oligonucleotide SE
793	11	0.2	13	1	ABC67329	Oligonucleotide SE
C 794	11	0.2	13	1	ABC92785	Oligonucleotide SE
C 795	11	0.2	13	1	ABC42846	Oligonucleotide SE
C 796	11	0.2	13	1	ABF03592	Oligonucleotide SE
C 797	11	0.2	13	1	ABC80115	Oligonucleotide SE
C 798	11	0.2	13	1	ABF10743	Oligonucleotide SE
C 799	11	0.2	13	1	ABC90250	Oligonucleotide SE
800	11	0.2	13	1	ABC90251	Oligonucleotide SE
C 801	11	0.2	13	1	ABF20912	Oligonucleotide SE
802	11	0.2	13	1	ABC67332	Oligonucleotide SE
803	11	0.2	13	1	ABC06059	Oligonucleotide SE
804	11	0.2	13	1	ABC11054	Oligonucleotide SE
805	11	0.2	13	1	ABC90249	Oligonucleotide SE
806	11	0.2	13	1	ABC65115	Oligonucleotide SE
807	11	0.2	13	1	ABF16918	Oligonucleotide SE
C 808	11	0.2	13	1	ABH21952	Oligonucleotide SE
C 809	11	0.2	13	1	ABF84427	Oligonucleotide SE
C 810	11	0.2	13	1	ABH24188	Oligonucleotide SE
C 811	11	0.2	13	1	ABF61272	Oligonucleotide SE
812	11	0.2	13	1	ABH47435	Oligonucleotide SE
C 813	11	0.2	14	1	AAV11056	Human ribozyme tar
814	11	0.2	14	1	AAV48474	TGF-beta-1 antisen
C 815	11	0.2	14	1	AAV21657	Integrin alpha 6 s

ALIGNMENTS

RESULT 1
 AAT58420
 ID AAT58420 standard; DNA; 30 BP.
 AC AAT58420;
 XX
 AC
 DT 25-MAR-2003 (revised)
 DT 24-MAR-1997 (first entry)
 XX
 DE Apolipoprotein A gene promoter probe, Apolipoprotein-2.
 XX
 mammalian expression shuttle vector; promoter-reporter gene fusion;
 KW screen; identifi; transcription; modulator; multi-cloning site;
 KW beta-globin leader sequence; luciferase gene; gene expression;
 KW cardiovascular disease; atherosclerosis; restenosis; thrombosis;
 KW hypertension; ss.

C 545	11.4	0.2	15	1	AAO22408	Antisense sequence
C 546	11.4	0.2	15	1	AAO20389	Capture probe #1 f
C 547	11.4	0.2	15	1	AAO41480	Target region for
C 548	11.4	0.2	15	1	AAO85837	2'-O-alkylamino-co
C 549	11.4	0.2	15	1	AAO101730	Peptide nucleic-ac
C 550	11.4	0.2	15	1	AAO22494	Mouse ICM hammer
C 551	11.4	0.2	15	1	AAO52447	Mouse ICM hammer
C 552	11.4	0.2	15	1	AAO73743	Apo(a) mRNA (nt. p
C 553	11.4	0.2	15	1	AAO73757	Apo(a) mRNA (nt. p
C 554	11.4	0.2	15	1	AAO73763	CD16 type I and II
C 555	11.4	0.2	15	1	AAO66181	Mouse B7-2 hamme
C 556	11.4	0.2	15	1	AAO66151	Mouse B7-2 hamme
C 557	11.4	0.2	15	1	AAO66157	Mouse B7-2 hamme
C 558	11.4	0.2	15	1	AAO66153	Human CD40 hamme
C 559	11.4	0.2	15	1	AAO66182	Mouse B7-2 hamme
C 560	11.4	0.2	15	1	AAO66152	Mouse B7-2 hamme
C 561	11.4	0.2	15	1	AAO66154	Mouse B7-2 hamme
C 562	11.4	0.2	15	1	AAO33482	Oligomeric compon
C 563	11.4	0.2	15	1	AAO49219	Specific phospho
C 564	11.4	0.2	15	1	AAO51082	Phosphorothioate o
C 565	11.4	0.2	15	1	AAO53024	Cytochrome c oxida
C 566	11.4	0.2	15	1	AAO48790	BtDB-2 gene antis
C 567	11.4	0.2	15	1	AAO19664	Human bcl-2 antis
C 568	11.4	0.2	15	1	AAO15078	Nuclease resistant
C 569	11.4	0.2	15	1	AAO15081	5'-lipoxigenase DNA
C 570	11.4	0.2	15	1	AAO73854	2'-modified oligon
C 571	11.4	0.2	15	1	AAO05476	2'-deoxy-2'-methyl
C 572	11.4	0.2	15	1	AAO26235	Substrate for HH r
C 573	11.4	0.2	15	1	AAO26237	HIV-1 protease gen
C 574	11.4	0.2	15	1	AAO297834	PCR primer for hum
C 575	11.4	0.2	15	1	AAO240170	Polyribonucleotide SE
C 576	11.4	0.2	15	1	AAO248137	Oligonucleotide SE
C 577	11.4	0.2	15	1	AAO248140	Human APC gene var
C 578	11.4	0.2	15	1	AAO60127	C-1027 gene cluste
C 579	11.4	0.2	15	1	AAO63373	Human TGBR allele
C 580	11.4	0.2	15	1	AAO992147	Human TGBR allele
C 581	11.4	0.2	15	1	AAO992147	Complex PCR amplif
C 582	11.4	0.2	15	1	AAO20784	Papillomavirus mod
C 583	11.4	0.2	15	1	AAO15970	Papillomavirus mod
C 584	11.4	0.2	15	1	AAO15973	Papillomavirus mod
C 585	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 586	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 587	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 588	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 589	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 590	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 591	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 592	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 593	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 594	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 595	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 596	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 597	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 598	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 599	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 600	11.4	0.2	15	1	AAO15975	Papillomavirus mod
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C 602	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 603	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 604	11.4	0.2	15	1	AAO15975	Papillomavirus mod
C 605	11.4	0.2	15	1	AAO15975	Papillomavirus mod
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C 617	11.4	0.2	15	1	AAO15975	Papillomavirus mod

C 253	12.8	0.2	17	1	ABN07685	Human GDMLP-1 17-m	326	12.4	0.2	15	1	AA31192	Tag sequence of a
C 254	12.8	0.2	17	1	ABN08431	Human GDMLP-1 17-m	327	12.4	0.2	15	1	AA31710	Transcript tag seq
C 255	12.8	0.2	17	1	ABN10121	Human GDMLP-1 17-m	328	12.4	0.2	15	1	AA32553	Arabidopsis seed seq
C 256	12.8	0.2	17	1	ABN07537	Human GDMLP-1 17-m	329	12.4	0.2	15	1	AA164955	Mouse histone H2B
C 257	12.8	0.2	17	1	ABN07684	Human GDMLP-1 17-m	330	12.4	0.2	15	1	AA160128	Human APC gene var
C 258	12.8	0.2	17	1	ABN01166	Human GDMLP-1 17-m	331	12.4	0.2	15	1	AA353634	IGF-I oligonucleot
C 259	12.8	0.2	17	1	ABN02460	Human GDMLP-1 17-m	332	12.4	0.2	15	1	AA353633	IGF-I oligonucleot
C 260	12.8	0.2	17	1	ABN07780	Human GDMLP-1 17-m	333	12.4	0.2	15	1	AA376909	DNA fragment, Syn
C 261	12.8	0.2	17	1	ABN09700	Human GDMLP-1 17-m	334	12.4	0.2	15	1	AA377511	Human ICAT gene po
C 262	12.8	0.2	17	1	ABN01167	Human GDMLP-1 17-m	335	12.4	0.2	15	1	AA172774	Oligo #6 for clon
C 263	12.8	0.2	17	1	ABN01122	Human GDMLP-1 17-m	336	12.4	0.2	15	1	ABK32146	Human colon cancer
C 264	12.8	0.2	17	1	ABN01167	Human GDMLP-1 17-m	337	12.4	0.2	15	1	ABK32664	Human colorectal a
C 265	12.8	0.2	17	1	ABN02463	Human GDMLP-1 17-m	338	12.4	0.2	15	1	ABX76573	M. avium 16S rRNA
C 266	12.8	0.2	17	1	ABN07536	Human GDMLP-1 17-m	339	12.4	0.2	15	1	ABX76572	Human papillomavir
C 267	12.8	0.2	17	1	ABG63767	Human K10M1a port1	340	12.4	0.2	15	1	ADG64107	HPV 59 detecting p
C 268	12.8	0.2	17	1	ABG63764	Human K10M1a port1	341	12.4	0.2	16	1	ABJ31194	HIV-1 protease gen
C 269	12.8	0.2	17	1	ABG63766	Human K10M1a port1	342	12.4	0.2	16	1	ADG99302	Human HLA genotypi
C 270	12.8	0.2	17	1	AA143459	Human K10M1a port1	343	12.4	0.2	20	1	ACC47295	PCR primer Seq ID3
C 271	12.8	0.2	17	1	ABK19430	Human ERG hammetz	344	12.4	0.2	12	1	ABJ34086	Human apolipoprotei
C 272	12.8	0.2	17	1	ABK17417	Human ERG hammetz	345	12.2	0.2	12	1	ABH80988	Oligonucleotide pr
C 273	12.8	0.2	17	1	ABV90092	Human POSHL1 scan	346	12	0.2	12	1	AB148149	Oligonucleotide pr
C 274	12.8	0.2	17	1	ABV90092	Human POSHL1 scan	347	12	0.2	12	1	ABH80536	Oligonucleotide pr
C 275	12.8	0.2	17	1	AA319261	Human POSHL1 scan	348	12	0.2	12	1	AB162899	Oligonucleotide pr
C 276	12.8	0.2	17	1	ACN10465	Human POSHL1 scan	349	12	0.2	12	1	AB162899	Oligonucleotide pr
C 277	12.8	0.2	17	1	ACN10807	Human POSHL1 scan	350	12	0.2	12	1	AB162899	Oligonucleotide pr
C 278	12.8	0.2	17	1	ACN10807	Human POSHL1 scan	351	12	0.2	12	1	AB162899	Oligonucleotide pr
C 279	12.8	0.2	17	1	ACN14992	Human POSHL1 scan	352	12	0.2	12	1	AB162899	Oligonucleotide pr
C 280	12.8	0.2	17	1	ACN14377	Human POSHL1 scan	353	12	0.2	12	1	AB162899	Oligonucleotide pr
C 281	12.8	0.2	17	1	ACN07170	Human POSHL1 scan	354	12	0.2	12	1	AB162899	Oligonucleotide pr
C 282	12.8	0.2	17	1	ACN07622	Human POSHL1 scan	355	12	0.2	12	1	AB162899	Oligonucleotide pr
C 283	12.8	0.2	17	1	ACN06696	Human POSHL1 scan	356	12	0.2	12	1	AB162899	Oligonucleotide pr
C 284	12.8	0.2	17	1	ACN08143	Human POSHL1 scan	357	12	0.2	12	1	AB162899	Oligonucleotide pr
C 285	12.8	0.2	17	1	ACN03095	Human POSHL1 scan	358	12	0.2	12	1	AB162899	Oligonucleotide pr
C 286	12.8	0.2	17	1	ACN05378	Human POSHL1 scan	359	12	0.2	12	1	AB162899	Oligonucleotide pr
C 287	12.8	0.2	17	1	ACN06695	Human POSHL1 scan	360	12	0.2	12	1	AB162899	Oligonucleotide pr
C 288	12.8	0.2	17	1	ACN08394	Human POSHL1 scan	361	12	0.2	12	1	AB162899	Oligonucleotide pr
C 289	12.8	0.2	17	1	ACN09846	Human POSHL1 scan	362	12	0.2	12	1	AB162899	Oligonucleotide pr
C 290	12.8	0.2	17	1	ACN09852	Human POSHL1 scan	363	12	0.2	12	1	AB162899	Oligonucleotide pr
C 291	12.8	0.2	17	1	ABT35656	Human POSHL1 scan	364	12	0.2	12	1	AB162899	Oligonucleotide pr
C 292	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	365	12	0.2	12	1	AB162899	Oligonucleotide pr
C 293	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	366	12	0.2	12	1	AB162899	Oligonucleotide pr
C 294	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	367	12	0.2	12	1	AB162899	Oligonucleotide pr
C 295	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	368	12	0.2	12	1	AB162899	Oligonucleotide pr
C 296	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	369	12	0.2	12	1	AB162899	Oligonucleotide pr
C 297	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	370	12	0.2	12	1	AB162899	Oligonucleotide pr
C 298	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	371	12	0.2	12	1	AB162899	Oligonucleotide pr
C 299	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	372	12	0.2	12	1	AB162899	Oligonucleotide pr
C 300	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	373	12	0.2	12	1	AB162899	Oligonucleotide pr
C 301	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	374	12	0.2	12	1	AB162899	Oligonucleotide pr
C 302	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	375	12	0.2	12	1	AB162899	Oligonucleotide pr
C 303	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	376	12	0.2	12	1	AB162899	Oligonucleotide pr
C 304	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	377	12	0.2	12	1	AB162899	Oligonucleotide pr
C 305	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	378	12	0.2	12	1	AB162899	Oligonucleotide pr
C 306	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	379	12	0.2	12	1	AB162899	Oligonucleotide pr
C 307	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	380	12	0.2	12	1	AB162899	Oligonucleotide pr
C 308	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	381	12	0.2	12	1	AB162899	Oligonucleotide pr
C 309	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	382	12	0.2	12	1	AB162899	Oligonucleotide pr
C 310	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	383	12	0.2	12	1	AB162899	Oligonucleotide pr
C 311	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	384	12	0.2	12	1	AB162899	Oligonucleotide pr
C 312	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	385	12	0.2	12	1	AB162899	Oligonucleotide pr
C 313	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	386	12	0.2	12	1	AB162899	Oligonucleotide pr
C 314	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	387	12	0.2	12	1	AB162899	Oligonucleotide pr
C 315	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	388	12	0.2	12	1	AB162899	Oligonucleotide pr
C 316	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	389	12	0.2	12	1	AB162899	Oligonucleotide pr
C 317	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	390	12	0.2	12	1	AB162899	Oligonucleotide pr
C 318	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	391	12	0.2	12	1	AB162899	Oligonucleotide pr
C 319	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	392	12	0.2	12	1	AB162899	Oligonucleotide pr
C 320	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	393	12	0.2	12	1	AB162899	Oligonucleotide pr
C 321	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	394	12	0.2	12	1	AB162899	Oligonucleotide pr
C 322	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	395	12	0.2	12	1	AB162899	Oligonucleotide pr
C 323	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	396	12	0.2	12	1	AB162899	Oligonucleotide pr
C 324	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	397	12	0.2	12	1	AB162899	Oligonucleotide pr
C 325	12.8	0.2	17	1	ABT35136	Human POSHL1 scan	398	12	0.2	12	1	AB162899	Oligonucleotide pr

107	15	0.2	15	1	AAT37730	Apo(a) mRNA (nt. p
108	15	0.2	15	1	AAT37556	Apo(a) mRNA (nt. p
109	15	0.2	15	1	AAT37566	Apo(a) mRNA (nt. p
110	15	0.2	15	1	AAT37570	Apo(a) mRNA (nt. p
111	15	0.2	15	1	AAT37571	Apo(a) mRNA (nt. p
112	15	0.2	15	1	AAV15098	Human apolipoprote
113	15	0.2	17	1	ABT40093	Tumour suppression
114	15	0.2	17	1	ADB45751	Tumour suppression
115	15	0.2	17	1	AD150461	Human tumour supp
116	14.8	0.2	19	1	AAQ39592	Mycobacterium gord
117	14.8	0.2	19	1	AAQ39590	Mycobacterium gord
118	14.8	0.2	19	1	AAQ39590	Mycobacterium gord
119	14.8	0.2	19	1	AAQ39587	Mycobacterium gord
120	14.8	0.2	19	1	AD153411	Haemagglutination
121	14.8	0.2	19	1	AD153413	Lower strand of cy
122	14.8	0.2	19	1	AD153413	Upper strand of cy
123	14.4	0.2	17	1	AAQ39585	Oestrogen receptor
124	14.4	0.2	17	1	AC99849	G-protein coupled
125	14.4	0.2	17	1	AC99848	G-protein coupled
126	14.4	0.2	17	1	ABZ64673	Human HER2 DNAzyme
127	14.4	0.2	17	1	ADB39822	Tumour suppression
128	14.4	0.2	17	1	ADL48869	Human IKK-gamma su
129	14.4	0.2	17	1	ADL48143	Human IKK-gamma su
130	14.4	0.2	17	1	AA408002	Forward PCR primer
131	14.4	0.2	18	1	AAQ35584	Human hscd5 cDNA a
132	14.4	0.2	18	1	ABT06163	Human light chain
133	14.4	0.2	18	1	ACD05030	Tumour necrosis fa
134	14.4	0.2	19	1	ADP71306	Protein tyrosine p
135	14.4	0.2	19	1	ADP71232	Human tyrosine p
136	14.4	0.2	19	1	ADG34746	Human TNF alpha oli
137	14.4	0.2	19	1	ADG34658	Human TNF alpha oli
138	14.4	0.2	19	1	ADG09449	TNF-alpha targeted
139	14.4	0.2	19	1	ADG027987	sLPAK1-0 targeted
140	14	0.2	15	1	AAT37582	Apo(a) mRNA (nt. p
141	14	0.2	15	1	AAT37757	Apo(a) mRNA (nt. p
142	14	0.2	15	1	AAT37598	Apo(a) mRNA (nt. p
143	14	0.2	15	1	AAA60130	Human APC gene var
144	14	0.2	17	1	ABA78841	APC mutation corre
145	14	0.2	17	1	ABA78842	Drug-colerant gene
146	14	0.2	18	1	ADK71405	Human EGF-R target
147	13.8	0.2	17	1	AAV97376	Human GDMPL-1 17-m
148	13.8	0.2	17	1	ABN02462	Human GDMPL-1 17-m
149	13.8	0.2	17	1	ABN07781	Human GDMPL-1 17-m
150	13.8	0.2	17	1	ABN02461	Human GDMPL-1 17-m
151	13.8	0.2	17	1	AA148306	Human ribozyme cle
152	13.8	0.2	17	1	ACN10466	KNV minus strand I
153	13.8	0.2	17	1	AC99847	G-protein coupled
154	13.8	0.2	17	1	AC99851	G-protein coupled
155	13.8	0.2	17	1	AC99850	G-protein coupled
156	13.8	0.2	17	1	ADB42737	Tumour suppression
157	13.8	0.2	17	1	ADG04247	Human Na/H exchange
158	13.8	0.2	17	1	ADD69470	3' anchored (ISIR)
159	13.8	0.2	17	1	ADL47944	Human IKK-gamma su
160	13.8	0.2	17	1	ADL48360	Human IKK-gamma su
161	13.8	0.2	18	1	AAZ56074	Human phospholipase A2 g
162	13.8	0.2	18	1	ADP77875	Human EST clone an
163	13.6	0.2	24	1	ADG03415	FMV/TMRA-labelled
164	13.4	0.2	15	1	AAT37574	Apo(a) mRNA (nt. p
165	13.4	0.2	15	1	AAT37749	Apo(a) mRNA (nt. p
166	13.4	0.2	15	1	AAT37710	Apo(a) mRNA (nt. p
167	13.4	0.2	15	1	AAT37584	Apo(a) mRNA (nt. p
168	13.4	0.2	15	1	AAT37628	Apo(a) mRNA (nt. p
169	13.4	0.2	15	1	AAT37762	Apo(a) mRNA (nt. p
170	13.4	0.2	15	1	AAT37579	Apo(a) mRNA (nt. p
171	13.4	0.2	15	1	AAT37578	Apo(a) mRNA (nt. p
172	13.4	0.2	15	1	AAT37580	Apo(a) mRNA (nt. p
173	13.4	0.2	15	1	AAT37733	Apo(a) mRNA (nt. p
174	13.4	0.2	15	1	AAT37712	Apo(a) mRNA (nt. p
175	13.4	0.2	15	1	AAT37760	Apo(a) mRNA (nt. p
176	13.4	0.2	15	1	AAT37573	Apo(a) mRNA (nt. p
177	13.4	0.2	15	1	AAT37605	Apo(a) mRNA (nt. p
178	13.4	0.2	15	1	AAT37740	Apo(a) mRNA (nt. p
179	13.4	0.2	15	1	AAT37764	Apo(a) mRNA (nt. p
180	13.4	0.2	15	1	AAT37714	Apo(a) mRNA (nt. p
181	13.4	0.2	15	1	AAT37736	Apo(a) mRNA (nt. p
182	13.4	0.2	15	1	AAT37608	Apo(a) mRNA (nt. p
183	13.4	0.2	15	1	AAT37589	Apo(a) mRNA (nt. p
184	13.4	0.2	15	1	AAT37728	Apo(a) mRNA (nt. p
185	13.4	0.2	15	1	AAT37759	Apo(a) mRNA (nt. p
186	13.4	0.2	15	1	AAT37586	Apo(a) mRNA (nt. p
187	13.4	0.2	15	1	AAT37717	Apo(a) mRNA (nt. p
188	13.4	0.2	15	1	AAT37729	Apo(a) mRNA (nt. p
189	13.4	0.2	15	1	AAT37734	Apo(a) mRNA (nt. p
190	13.4	0.2	15	1	AAT37758	Apo(a) mRNA (nt. p
191	13.4	0.2	15	1	AAT37719	Apo(a) mRNA (nt. p
192	13.4	0.2	15	1	AAT37731	Apo(a) mRNA (nt. p
193	13.4	0.2	15	1	AAT37761	Apo(a) mRNA (nt. p
194	13.4	0.2	15	1	AAT37766	Apo(a) mRNA (nt. p
195	13.4	0.2	15	1	AAT37576	Apo(a) mRNA (nt. p
196	13.4	0.2	17	1	AA60234	Human HPC2 cDNA se
197	13.4	0.2	17	1	ABK03734	Human CD20 Ambery
198	13.4	0.2	17	1	ABK03734	Human prostate can
199	13.4	0.2	17	1	ABK03734	Tumour suppression
200	13.4	0.2	17	1	ABK03734	Human HER2 DNAzyme
201	13.4	0.2	17	1	ABK03734	Murine oligonucleo
202	13.4	0.2	17	1	ABK03734	PCR primer MSIR re
203	13.4	0.2	17	1	ABK03734	Human IKK-gamma su
204	13.4	0.2	17	1	ABK03734	Primer kitz used i
205	13.4	0.2	17	1	ABK03734	Oligonucleotide SE
206	13	0.2	13	1	ABK03734	Oligonucleotide SE
207	13	0.2	13	1	ABK03734	Oligonucleotide SE
208	13	0.2	13	1	ABK03734	Oligonucleotide SE
209	13	0.2	13	1	ABK03734	Oligonucleotide SE
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213	13	0.2	13	1	ABK03734	Oligonucleotide SE
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226	12.8	0.2	17	1	AD186287	Human CD20 Hammet
227	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
228	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
229	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
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232	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
233	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
234	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
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239	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
240	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
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242	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
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247	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
248	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
249	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
250	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
251	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm
252	12.8	0.2	17	1	AD186287	Human H-Ras DNAzm

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OM nucleic - nucleic search, using sw model

Run on: October 26, 2004, 16:13:19 ; Search time 50 seconds

(without alignments)
3.538 Million cell updates/sec

Title: US-09-923-515-3

Perfect score: 7200

Sequence: 1 ctggagattgggacacattt.....actgaactgacgcatgc 7200

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 805 seqs, 12283 residues

Total number of hits satisfying chosen parameters: 1610

Minimum DB seq length: 12

Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 815 summaries

Database : rng3.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	0.4	30	1	AAT58420 Apolipoprotein A g
2	30	0.4	30	1	AAT58419 Apolipoprotein A g
3	30	0.4	30	1	AAV82531 Probe Apoema-2 use
4	30	0.4	30	1	AAV82530 Probe Apoema-1 use
5	26	0.4	26	1	AAV89305 Primer used in RT-
6	25	0.3	25	1	AD033413 PCR primer 1 used
7	24	0.3	24	1	AA250401 Human angiotensin
8	24	0.3	24	1	AD033415 FAM/TAMRA-labelled
9	23.8	0.3	27	1	AAV35370 PCR primer used in
10	23	0.3	23	1	AAQ70748 Primer for product
11	22	0.3	22	1	AAH79116 Human tumour vascu
12	22	0.3	22	1	AAH79116 Reproductive recom
13	20.2	0.3	26	1	AAH79105 Human angiotensin
14	20.2	0.3	26	1	ABG76080 Anticancer gene-as
15	20.2	0.3	26	1	AAH44001 Reproductive recom
16	20	0.3	20	1	AAH89308 Primer krif used i
17	20	0.3	20	1	ACC47289 Human apolipoprotei
18	20	0.3	20	1	ACC47298 Human apolipoprotei
19	20	0.3	20	1	ACC47295 Human apolipoprotei
20	20	0.3	20	1	ACC47287 Human apolipoprotei
21	20	0.3	20	1	ACC47299 Human apolipoprotei
22	20	0.3	20	1	ACC47291 Human apolipoprotei
23	20	0.3	20	1	ACC47293 Human apolipoprotei
24	20	0.3	20	1	ACC47296 Human apolipoprotei
25	20	0.3	20	1	ACC47292 Human apolipoprotei
26	20	0.3	20	1	ACC47286 Human apolipoprotei
27	20	0.3	20	1	ACC47284 Human apolipoprotei
28	20	0.3	20	1	ACC47290 Human apolipoprotei
29	20	0.3	20	1	ACC47294 Human apolipoprotei
30	20	0.3	20	1	ACC47297 Human apolipoprotei
31	20	0.3	20	1	ACC47285 Human apolipoprotei
32	20	0.3	20	1	ACC47288 Human apolipoprotei
33	19	0.3	19	1	AAQ70749 Primer for product

34	19	0.3	19	1	AAH89307 Primer krif used i
35	18.4	0.3	20	1	ACC47300 Human apolipoprotei
36	18.4	0.3	20	1	ACC47301 Human apolipoprotei
37	18.4	0.3	20	1	ACC47304 Human apolipoprotei
38	18	0.2	18	1	AD033414 PCR primer 2 used
39	17.4	0.2	20	1	ACC47309 Human apolipoprotei
40	17	0.2	17	1	AAV5097 Human apolipoprotei
41	16.8	0.2	21	1	ABG8154 Human apolipoprotei
42	16.4	0.2	18	1	AAV3192 Human multilid re
43	16.4	0.2	18	1	AAV3192 Human multilid re
44	16.4	0.2	18	1	AAV3192 Human multilid re
45	16.4	0.2	19	1	AAV3192 Human multilid re
46	16.4	0.2	19	1	AAV3192 Human multilid re
47	16.4	0.2	19	1	AAV3192 Human multilid re
48	16.4	0.2	19	1	AAV3192 Human multilid re
49	15.8	0.2	20	1	ACC80563 Mycobacterium gord
50	15.8	0.2	20	1	ADK65736 Mycobacterium gord
51	15.8	0.2	20	1	ADK65736 Mycobacterium gord
52	15.8	0.2	21	1	AAV76017 Human neuroleptide
53	15.8	0.2	21	1	AAV76017 Human neuroleptide
54	15.8	0.2	21	1	AAV76017 Human neuroleptide
55	15.8	0.2	21	1	AAV76017 Human neuroleptide
56	15.4	0.2	19	1	AAV14648 Human CTNNA3 gene
57	15.4	0.2	20	1	ABX17704 Human urokinase pl
58	15.4	0.2	20	1	AD022862 Human interteukin
59	15.4	0.2	20	1	AD022862 Human interteukin
60	15.2	0.2	20	1	AAV51877 Zea mays genome re
61	15.2	0.2	20	1	AAV51877 Zea mays genome re
62	15.2	0.2	20	1	AAV51877 Zea mays genome re
63	15.2	0.2	20	1	AAV51877 Zea mays genome re
64	15.2	0.2	20	1	AAV51877 Zea mays genome re
65	15.2	0.2	20	1	AAV51877 Zea mays genome re
66	15.2	0.2	20	1	AAV51877 Zea mays genome re
67	15.2	0.2	20	1	AAV51877 Zea mays genome re
68	15.2	0.2	20	1	AAV51877 Zea mays genome re
69	15.2	0.2	20	1	AAV51877 Zea mays genome re
70	15.2	0.2	20	1	AAV51877 Zea mays genome re
71	15.2	0.2	20	1	AAV51877 Zea mays genome re
72	15.2	0.2	20	1	AAV51877 Zea mays genome re
73	15.2	0.2	20	1	AAV51877 Zea mays genome re
74	15.2	0.2	20	1	AAV51877 Zea mays genome re
75	15.2	0.2	20	1	AAV51877 Zea mays genome re
76	15.2	0.2	20	1	AAV51877 Zea mays genome re
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79	15.2	0.2	20	1	AAV51877 Zea mays genome re
80	15.2	0.2	20	1	AAV51877 Zea mays genome re
81	15.2	0.2	20	1	AAV51877 Zea mays genome re
82	15.2	0.2	20	1	AAV51877 Zea mays genome re
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ALIGNMENTS

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VERSION AR063732.1
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SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Foulkes,J.,Gordon,, Liechtrfied,F.E., Pieler,C., Stephenson,J.R. and Case,C.C.
TITLE Methods of determining chemicals that modulate expression of genes associated with cardiovascular disease
JOURNAL Patent: US 5846720-A 17 08-DEC-1998;
FEATURES
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RESULT 2
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164	13.2	0.2	20	1	AR096845	ACCESSION:AR096845
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171	13	0.2	17	1	AR096845	ACCESSION:AR096845
172	13	0.2	24	1	AR096845	ACCESSION:AR096845
173	13	0.2	24	1	AR096845	ACCESSION:AR096845
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175	12.8	0.2	16	1	AR096845	ACCESSION:AR096845
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180	12.8	0.2	17	1	AR072504	ACCESSION:AR072504
181	12.8	0.2	17	1	AR105109	ACCESSION:AR105109
182	12.8	0.2	17	1	BD197397	ACCESSION:BD197397
183	12.8	0.2	17	1	BD197446	ACCESSION:BD197446
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187	12.8	0.2	17	1	BD225508	ACCESSION:BD225508
188	12.8	0.2	17	1	BD241280	ACCESSION:BD241280
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